FIGURE 1

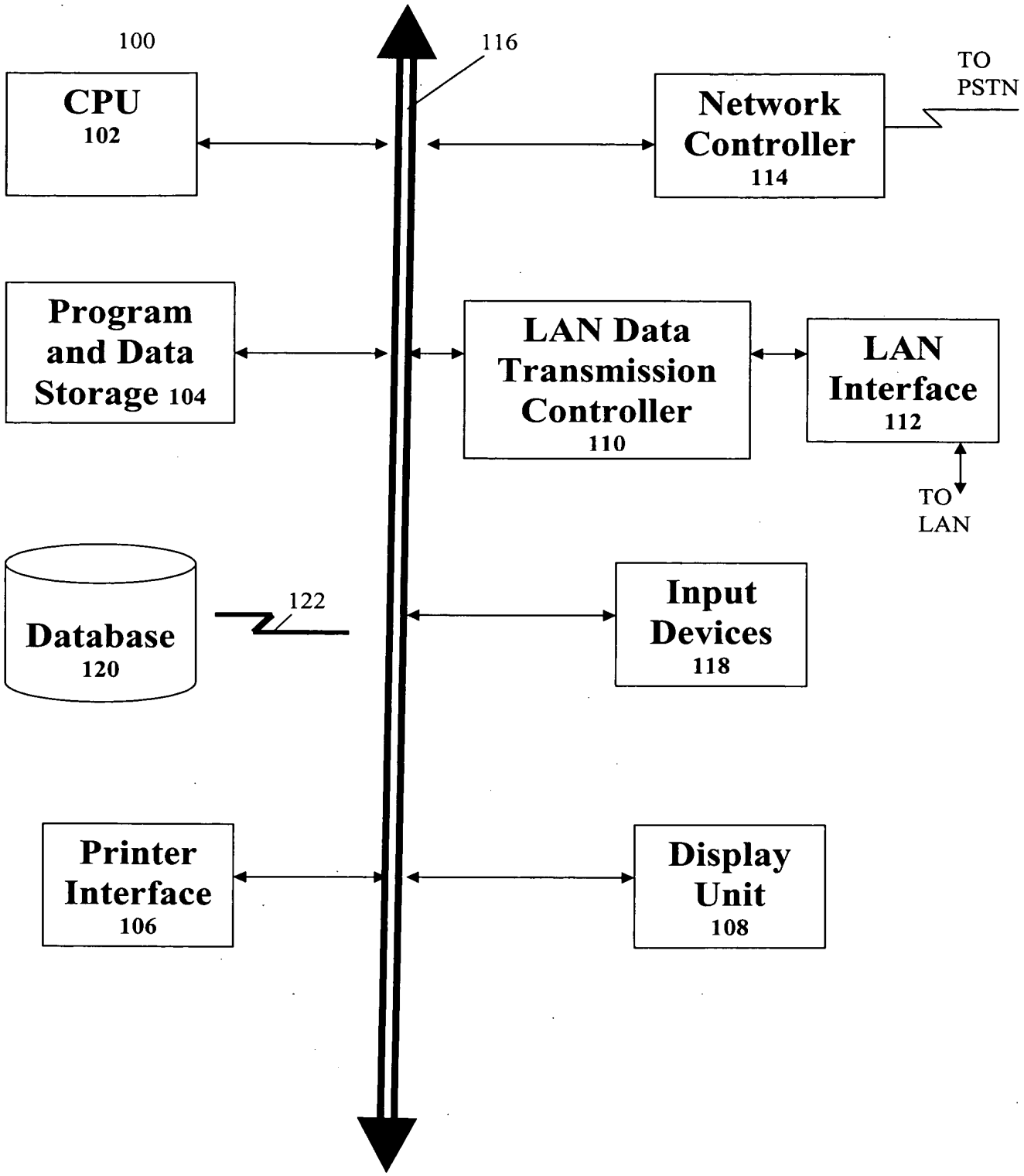
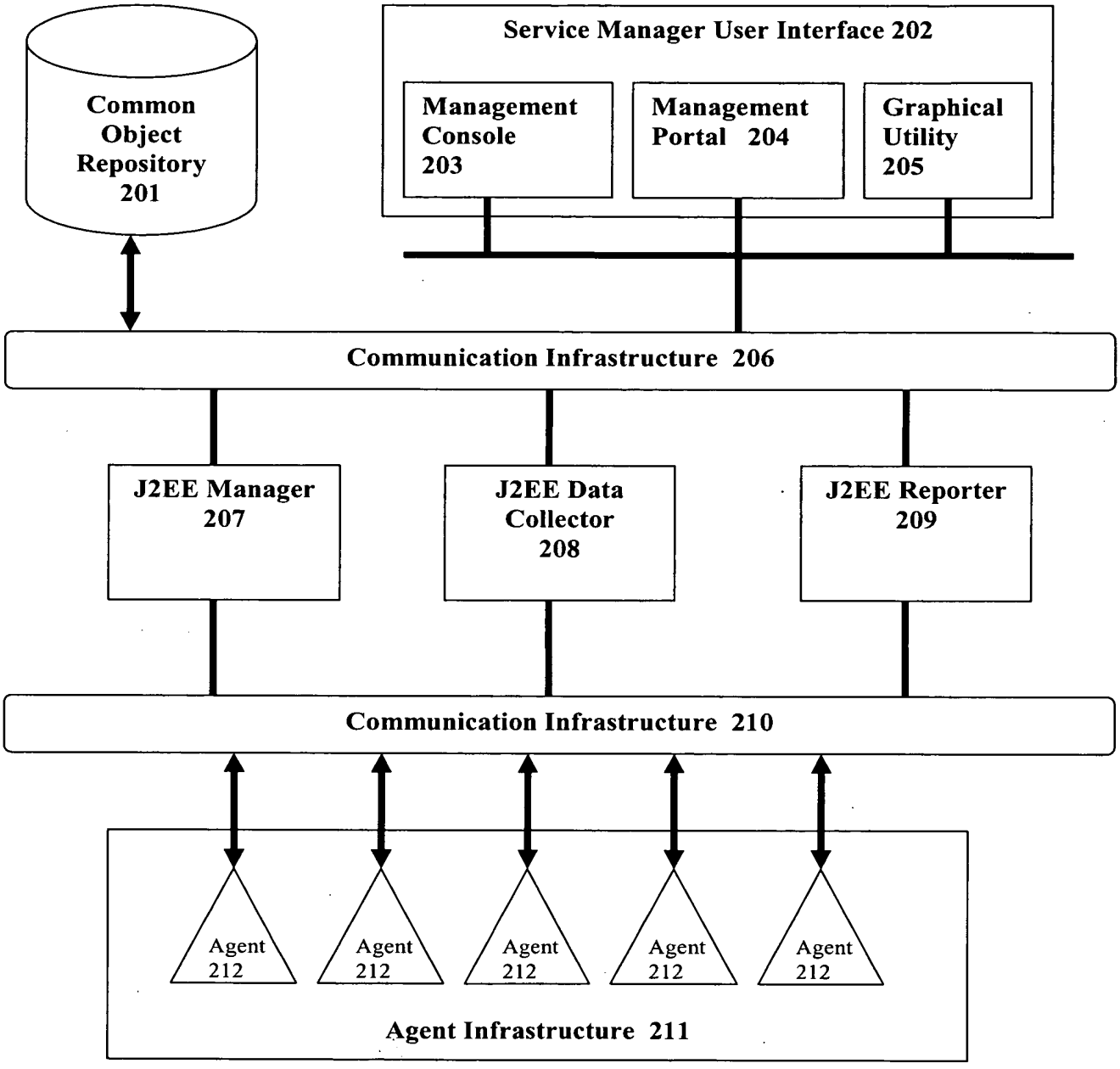

100
116
CPU
102
Network
Controller
114
TO
PSTN
Program
and Data
Storage 104
LAN Data
Transmission
Controller
110
LAN
Interface
112
TO
LAN
Database
120
122
Input
Devices
118
Printer
Interface
106
Display
Unit
108

FIGURE 2


Common Object Repository 201
Service Manager User Interface 202
Management Console 203
Management Portal 204
Graphical Utility 205
Communication Infrastructure 206
J2EE Manager 207
J2EE Data Collector 208
J2EE Reporter 209
Communication Infrastructure 210
Agent 212
Agent 212
Agent 212
Agent 212
Agent 212
Agent Infrastructure 211

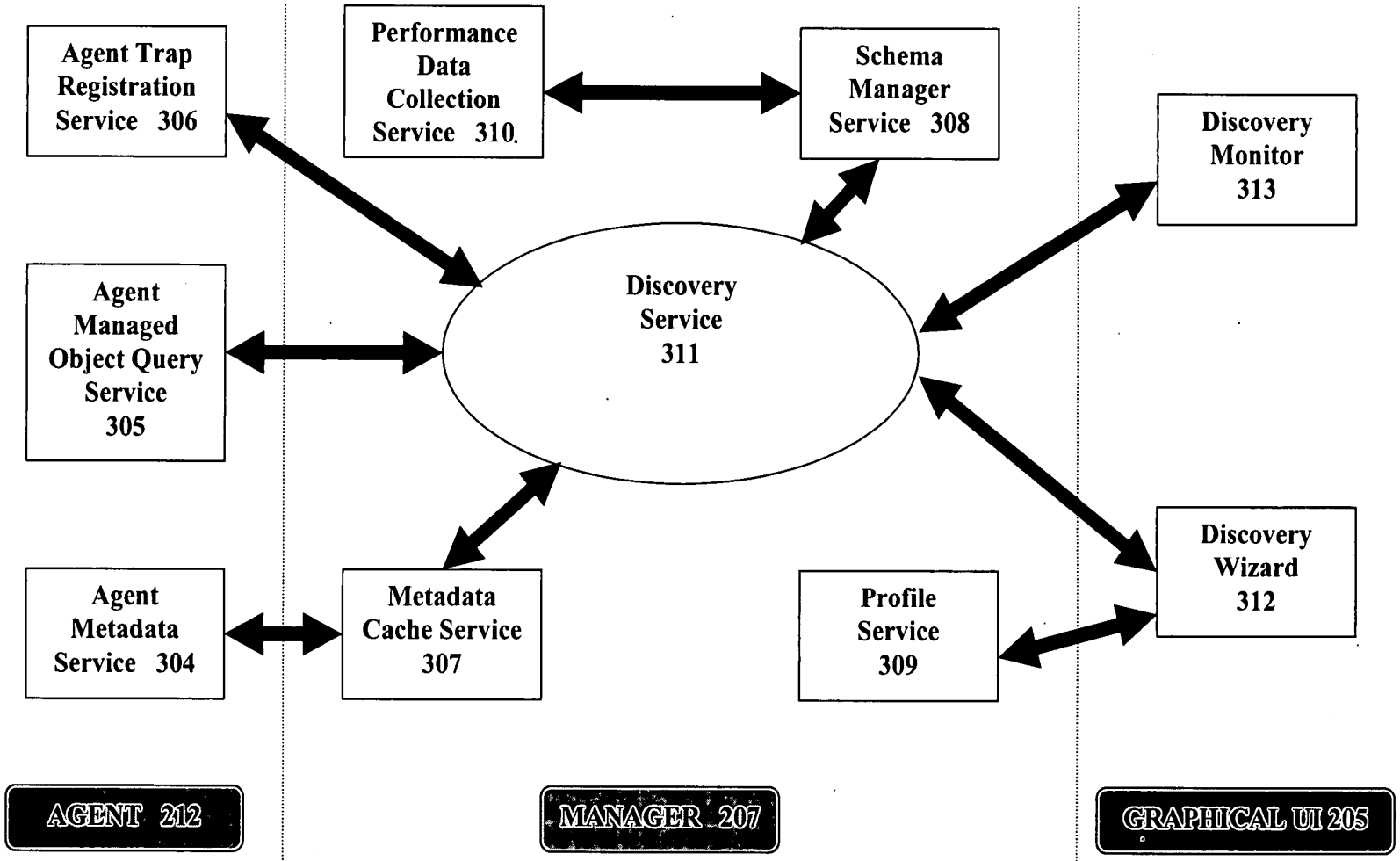

Agent Trap Registration Service 306
Performance Data Collection Service 310
Schema Manager Service 308
Discovery Monitor 313
Agent Managed Object Query Service 305
Discovery Service 311
Discovery Wizard 312
Agent Metadata Service 304
Metadata Cache Service 307
Profile Service 309
AGENT 212
MANAGER 207
GRAPHICAL UI 205

FIGURE 3

FIGURE 4

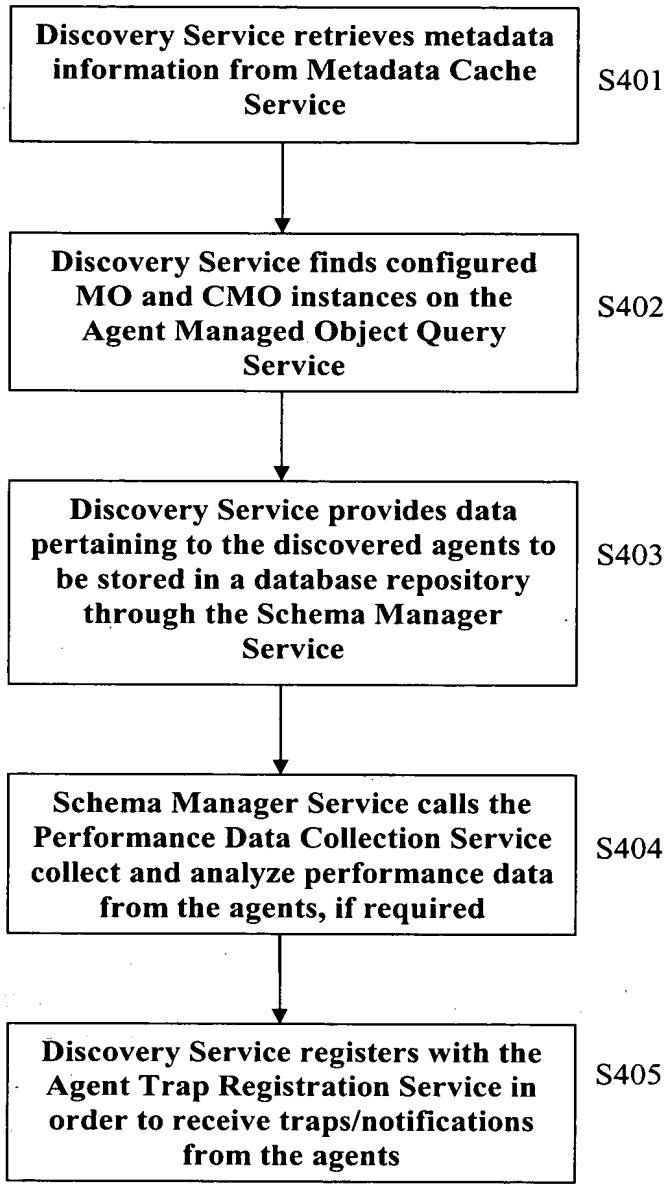

Discovery Service retrieves metadata information from Metadata Cache Service
S401
Discovery Service finds configured MO and CMO instances on the Agent Managed Object Query Service
S402
Discovery Service provides data pertaining to the discovered agents to be stored in a database repository through the Schema Manager Service
S403
Schema Manager Service calls the Performance Data Collection Service collect and analyze performance data from the agents, if required
S404
Discovery Service registers with the Agent Trap Registration Service in order to receive traps/notifications from the agents
S405

FIGURE 5

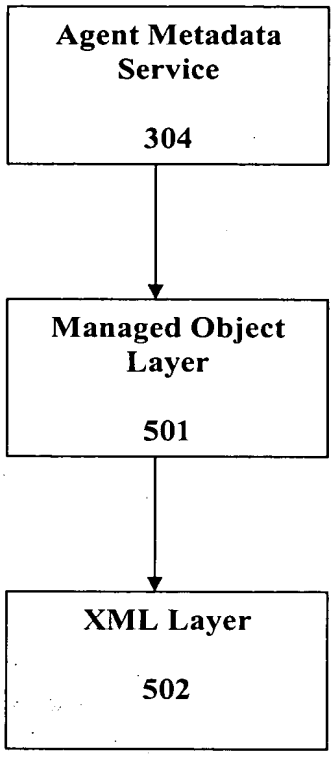

Agent Metadata Service
304
Managed Object Layer
501
XML Layer
502

FIGURE 6

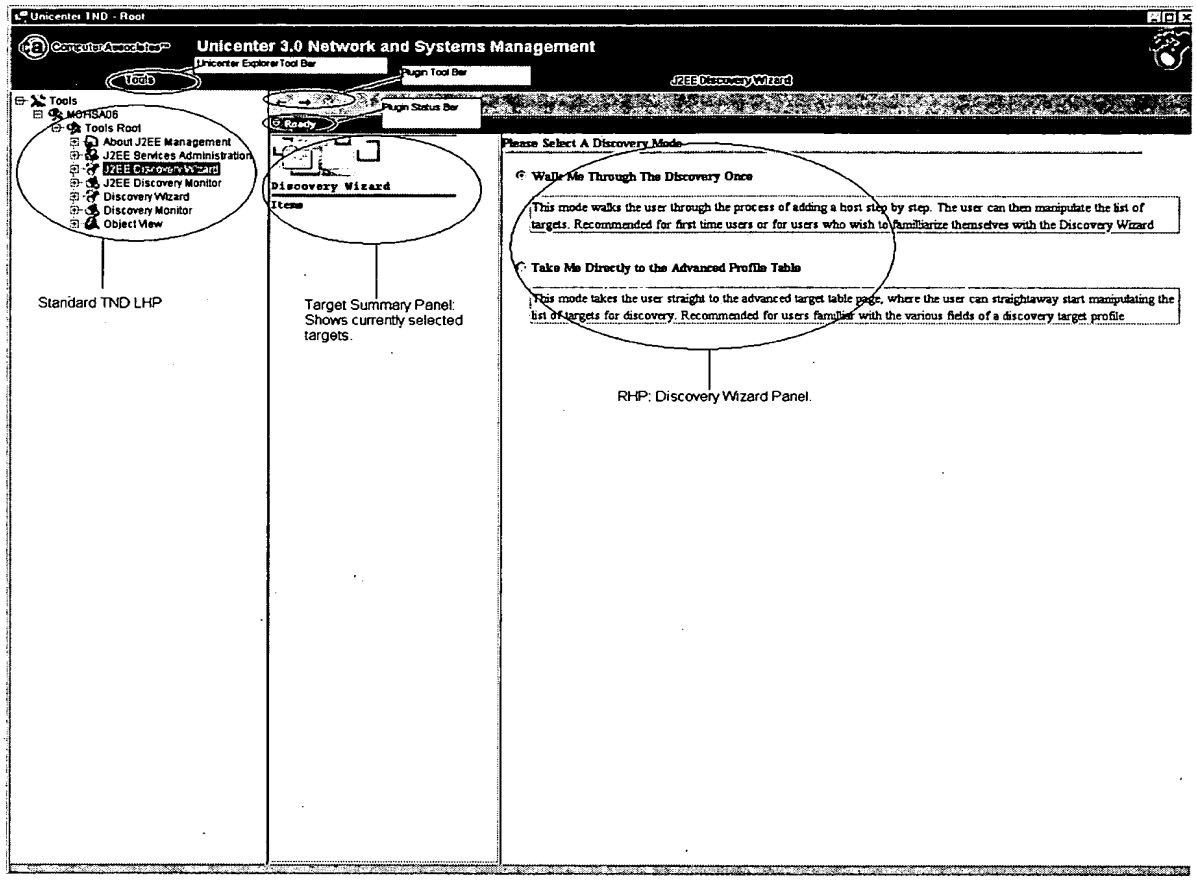

Unicenter TND - Root
Unicenter 3.0 Network and Systems Management
Unicenter Explorer Tool Bar
Plugin Tool Bar
Tools
J2EE Discovery Wizard
Plugin Status Bar
Ready
Tools
MCHSA06
Tools Root
About J2EE Management
J2EE Services Administration
J2EE Discovery Wizard
J2EE Discovery Monitor
Discovery Wizard
Discovery Monitor
Object View
Discovery Wizard
Items
Please Select A Discovery Mode
Walk Me Through The Discovery Once
This mode walks the user through the process of adding a host step by step. The user can then manipulate the list of targets. Recommended for first time users or for users who wish to familiarize themselves with the Discovery Wizard
Take Me Directly to the Advanced Profile Table
This mode takes the user straight to the advanced target table page, where the user can straightaway start manipulating the list of targets for discovery. Recommended for users familiar with the various fields of a discovery target profile
Standard TND LHP
Target Summary Panel: Shows currently selected targets.
RHP: Discovery Wizard Panel.

FIGURE 7

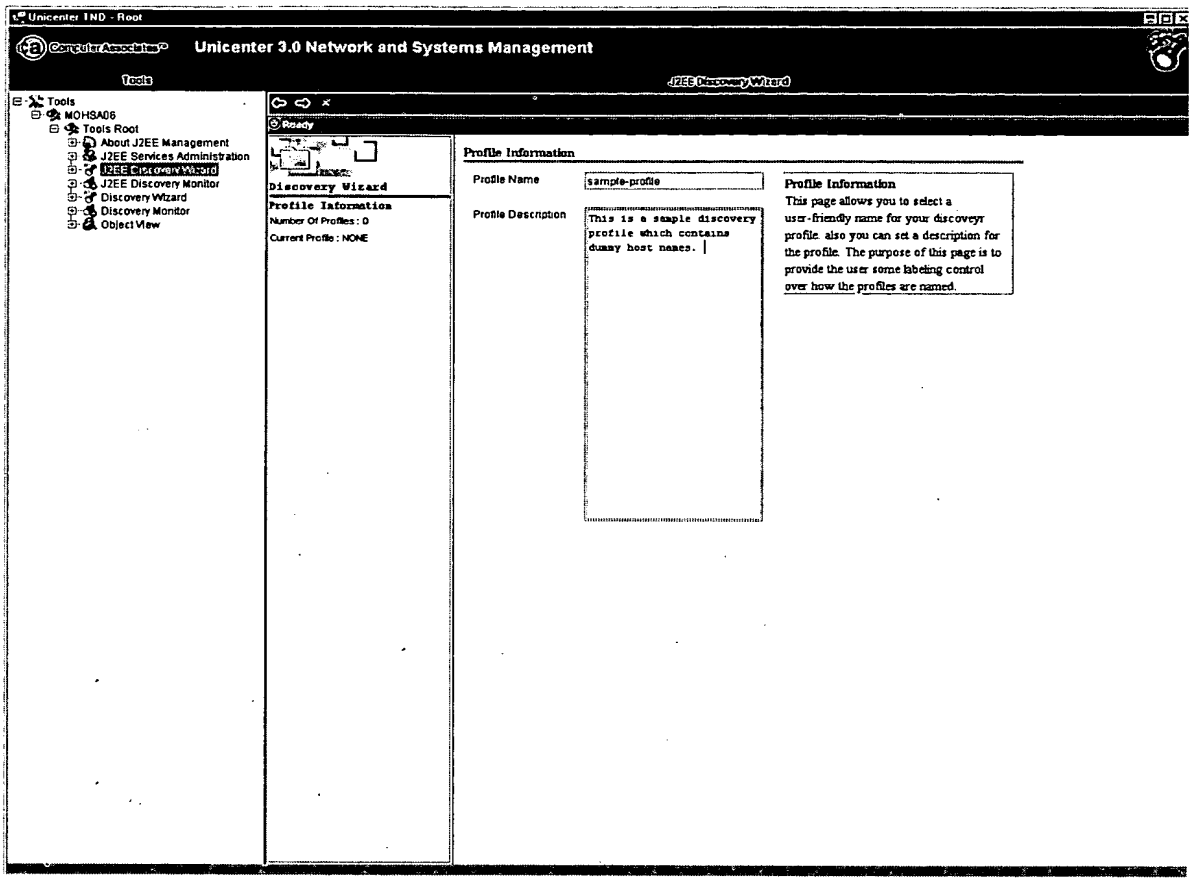

Unicenter TND - Root
Unicenter 3.0 Network and Systems Management
Tools
J2EE Discovery Wizard
Tools
MOHSA06
Tools Root
About J2EE Management
J2EE Services Administration
J2EE Discovery Wizard
J2EE Discovery Monitor
Discovery Wizard
Discovery Monitor
Object View
Ready
Discovery Wizard
Profile Information
Number Of Profiles : 0
Current Profile : NONE
Profile Information
Profile Name
sample-profile
Profile Description
This is a sample discovery profile which contains dummy host names.
Profile Information
This page allows you to select a user-friendly name for your discoveyr profile. also you can set a description for the profile. The purpose of this page is to provide the user some labeling control over how the profiles are named.

FIGURE 8

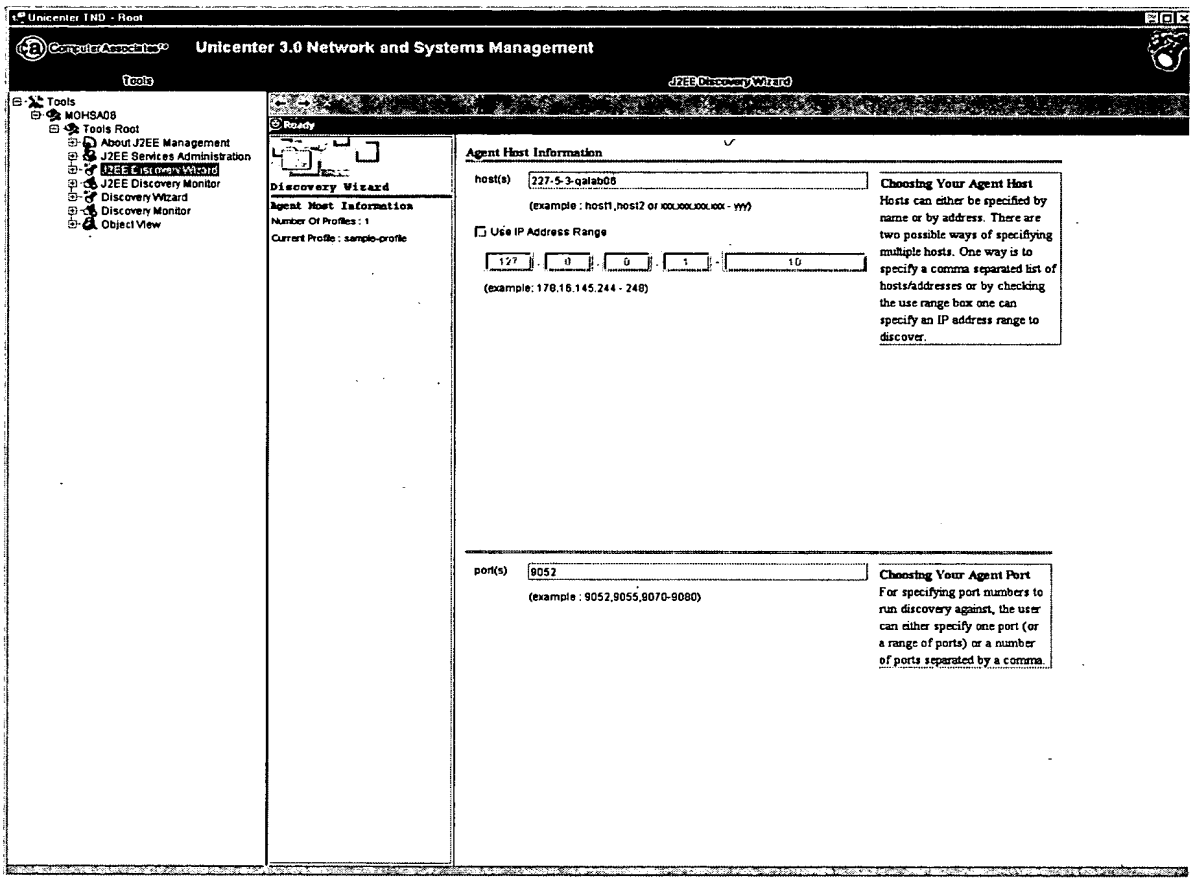

Unicenter TND - Root
Unicenter 3.0 Network and Systems Management
Tools
J2EE Discovery Wizard
Tools
MOHSA08
Tools Root
About J2EE Management
J2EE Services Administration
J2EE Discovery Wizard
J2EE Discovery Monitor
Discovery Wizard
Discovery Monitor
Object View
Ready
Discovery Wizard
Agent Host Information
Number Of Profiles : 1
Current Profile : sample-profile
Agent Host Information
host(s)
227-5-3-qalab08
(example : host1,host2 or xxx.xxx.xxx.xxx - yyy)
Use IP Address Range
127 . 0 . 0 . 1 . 10
(example: 176.16.145.244 - 248)
Choosing Your Agent Host
Hosts can either be specified by name or by address. There are two possible ways of specifying multiple hosts. One way is to specify a comma separated list of hosts/addresses or by checking the use range box one can specify an IP address range to discover.
port(s)
9052
(example : 9052,9055,9070-9080)
Choosing Your Agent Port
For specifying port numbers to run discovery against, the user can either specify one port (or a range of ports) or a number of ports separated by a comma.

FIGURE 9

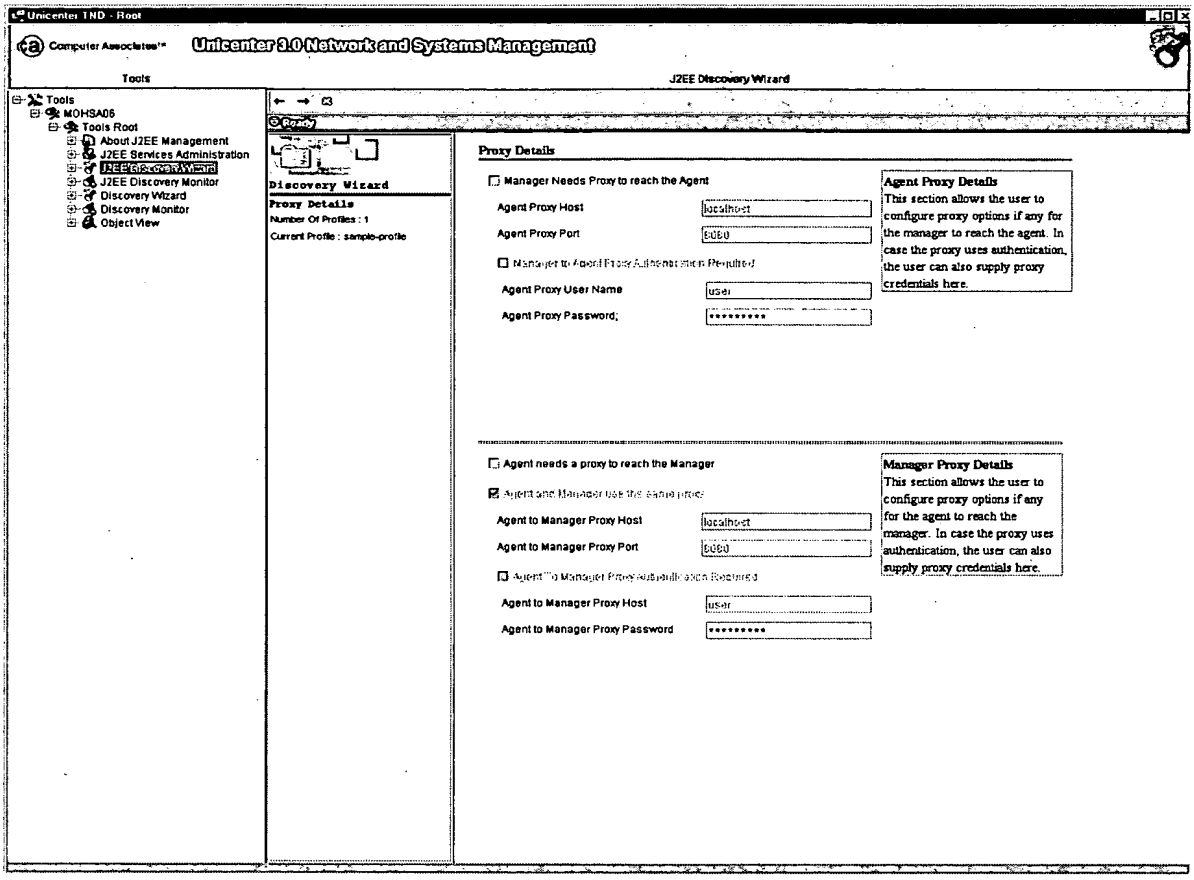

Unicenter TND - Root
Computer Associates™
Unicenter 3.0 Network and Systems Management
Tools
J2EE Discovery Wizard
Tools
MOHSA06
Tools Root
About J2EE Management
J2EE Services Administration
J2EE Discovery Wizard
J2EE Discovery Monitor
Discovery Wizard
Discovery Monitor
Object View
Ready
Discovery Wizard
Proxy Details
Number Of Profiles : 1
Current Profile : sample-profile
Proxy Details
Manager Needs Proxy to reach the Agent
Agent Proxy Host
localhost
Agent Proxy Port
8080
Agent Proxy User Name
user
Agent Proxy Password:
Agent Proxy Details
This section allows the user to configure proxy options if any for the manager to reach the agent. In case the proxy uses authentication, the user can also supply proxy credentials here.
Agent needs a proxy to reach the Manager
Agent to Manager Proxy Host
localhost
Agent to Manager Proxy Port
8080
Agent to Manager Proxy Host
user
Agent to Manager Proxy Password
Manager Proxy Details
This section allows the user to configure proxy options if any for the agent to reach the manager. In case the proxy uses authentication, the user can also supply proxy credentials here.

FIGURE 10

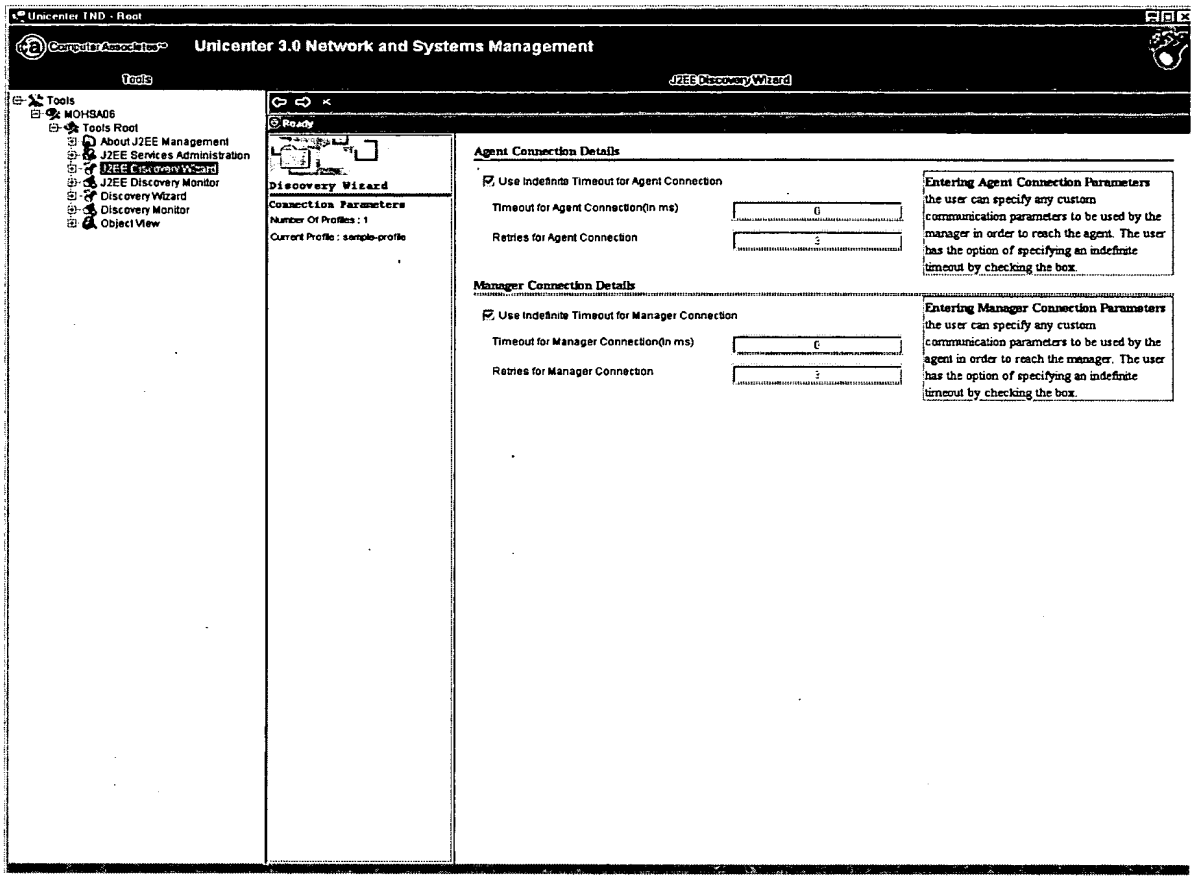

Unicenter TND - Root
Computer Associates
Unicenter 3.0 Network and Systems Management
Tools
J2EE Discovery Wizard
Tools
MOHSA06
Tools Root
About J2EE Management
J2EE Services Administration
J2EE Discovery Wizard
J2EE Discovery Monitor
Discovery Wizard
Discovery Monitor
Object View
Ready
Discovery Wizard
Connection Parameters
Number Of Profiles : 1
Current Profile : sample-profile
Agent Connection Details
Use Indefinite Timeout for Agent Connection
Timeout for Agent Connection(in ms)
0
Retries for Agent Connection
3
Entering Agent Connection Parameters
the user can specify any custom communication parameters to be used by the manager in order to reach the agent. The user has the option of specifying an indefinite timeout by checking the box.
Manager Connection Details
Use Indefinite Timeout for Manager Connection
Timeout for Manager Connection(in ms)
0
Retries for Manager Connection
3
Entering Manager Connection Parameters
the user can specify any custom communication parameters to be used by the agent in order to reach the manager. The user has the option of specifying an indefinite timeout by checking the box.

FIGURE 11

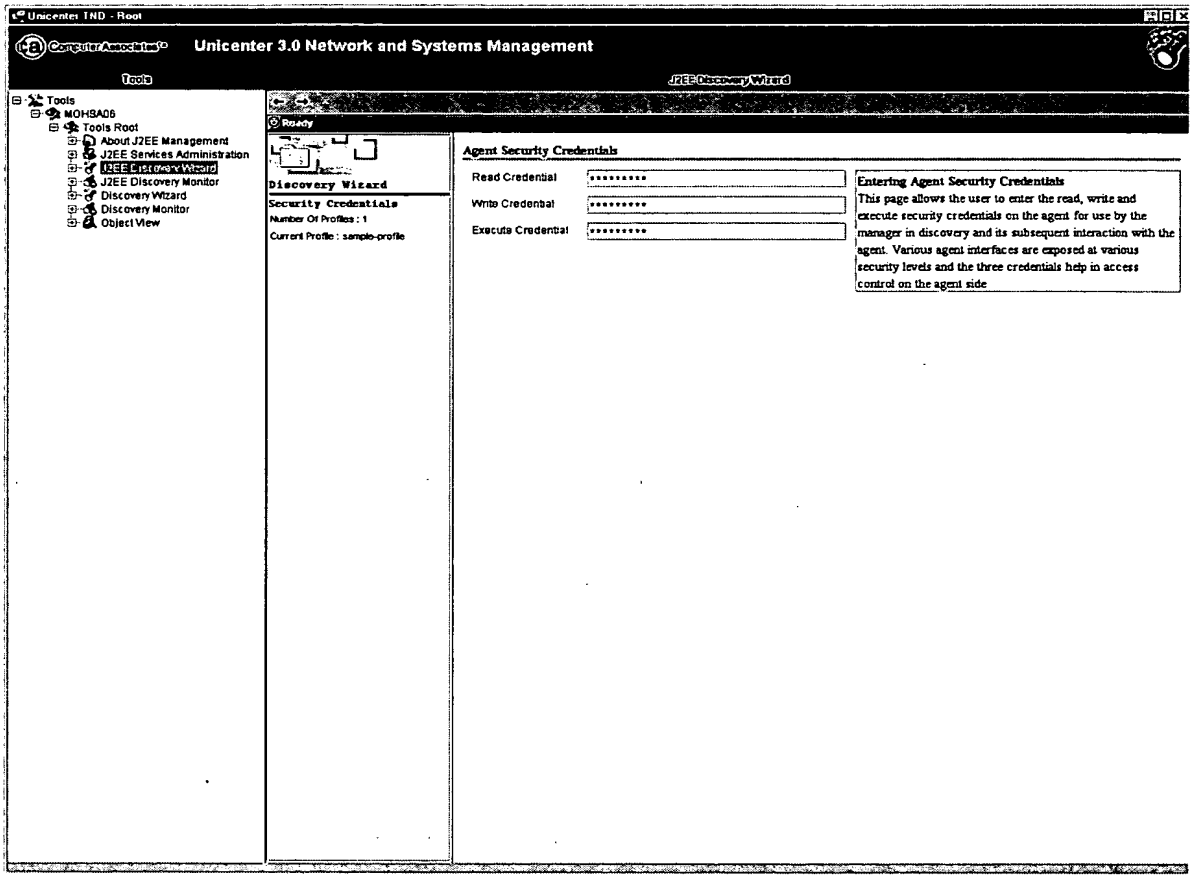
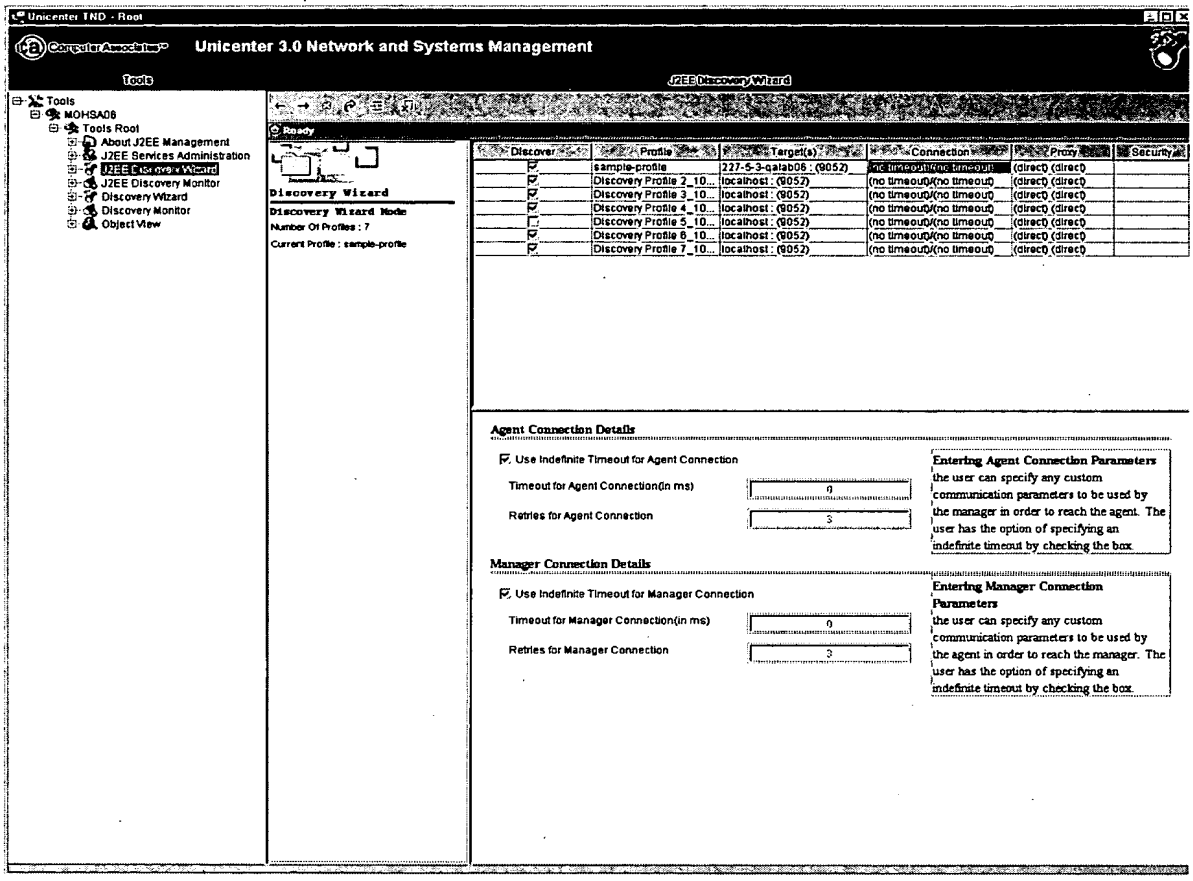

Unicenter TND - Root
Unicenter 3.0 Network and Systems Management
Tools
J2EE Discovery Wizard
Tools
MOHSA06
Tools Root
About J2EE Management
J2EE Services Administration
J2EE Discovery Wizard
J2EE Discovery Monitor
Discovery Wizard
Discovery Monitor
Object View
Ready
Discovery Wizard
Security Credentials
Number Of Profiles : 1
Current Profile : sample-profile
Agent Security Credentials
Read Credential
Write Credential
Execute Credential
Entering Agent Security Credentials
This page allows the user to enter the read, write and execute security credentials on the agent for use by the manager in discovery and its subsequent interaction with the agent. Various agent interfaces are exposed at various security levels and the three credentials help in access control on the agent side

FIGURE 12


Unicenter TND - Root
Computer Associates
Unicenter 3.0 Network and Systems Management
Tools
J2EE Discovery Wizard
Tools
MOHSA08
Tools Root
About J2EE Management
J2EE Services Administration
J2EE Discovery Wizard
J2EE Discovery Monitor
Discovery Wizard
Discovery Monitor
Object View
Ready
Discovery Wizard
Discovery Wizard Node
Number Of Profiles : 7
Current Profile : sample-profile
Discover
Profile
Target(s)
Connection
Proxy
Security
sample-profile
227-5-3-galab08 : (9052)
(no timeout)/(no timeout)
(direct) (direct)
Discovery Profile 2_10...
localhost : (9052)
Discovery Profile 3_10...
Discovery Profile 4_10...
Discovery Profile 5_10...
Discovery Profile 6_10...
Discovery Profile 7_10...
Agent Connection Details
Use Indefinite Timeout for Agent Connection
Timeout for Agent Connection(in ms)
0
Retries for Agent Connection
3
Entering Agent Connection Parameters
the user can specify any custom communication parameters to be used by the manager in order to reach the agent. The user has the option of specifying an indefinite timeout by checking the box
Manager Connection Details
Use Indefinite Timeout for Manager Connection
Timeout for Manager Connection(in ms)
0
Retries for Manager Connection
3
Entering Manager Connection Parameters
the user can specify any custom communication parameters to be used by the agent in order to reach the manager. The user has the option of specifying an indefinite timeout by checking the box